

PATENT
Serial No. 10/056,362
Amendment in Reply to Non-Final Office Action of January 14, 2005
Confirmation No. 8037

Amendments to the Claims:

This listing of claims will replace all prior version, and listings of claims in the application.

Listing of Claims

1. (Previously Presented) A system comprising:

a display information-generating device for generating display information,
a display apparatus having a display screen for displaying the display information,
detection means for detecting whether at least one of the following criteria is fulfilled

for display information being displayed in a portion of the display screen:

(i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer,

(ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed, and

enhancement means for enhancing the display information being displayed in said portion of the display screen if at least one of the criteria (i) and (ii) is true.

2. (Previously Presented) The system as claimed in claim 1, wherein the display information-generating device comprises a computer, the detection means being part of the computer and comprising a suitably programmed microprocessor for detecting whether an application is started on the computer, and for determining whether the application started is one of the group of

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applications, and/or whether the extension of the file associated with the application is one of the group of extensions, and/or whether moving information is displayed.

3. (Previously Presented) The system as claimed in claim 2, wherein the part of the display information is an active window, and the detection means are suitably programmed to detect whether a window is opened to determine the application associated with the opened window and/or the file extension of the file being displayed in the window from information linked to the window.

4. (Previously Presented) The system as claimed in claim 1, wherein the detection means comprise:

a memory for storing the part or a portion of the part of the display information as first data at a first instant, and

means for comparing the first data with second data corresponding to the part or a portion of the part of the display information at a second, later, instant, to indicate whether a difference between the stored display information and the corresponding display information at the second instant exceeds a limit value.

5. (Cancelled)

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6. (Previously Presented) The system as claimed in claim 4, wherein the memory is the video memory of the video adapter of a computer.

7. (Previously Presented) The system as claimed in claim 4, wherein the detection means comprise a suitably programmed microprocessor.

8. (Cancelled)

9. (Previously Presented) The system as claimed in claim 1, wherein the detection means are adapted to supply a control signal to automatically activate the enhancing by the enhancement means if the detection means detects in the part of the display information that at least one of the criteria (i) and (ii) is true.

10. (Previously Presented) The system as claimed in claim 9, wherein the system further comprises input means for receiving user input to supply user information indicating whether the part of the display information should be enhanced or not, and a control means receiving the control signal from the detection means and the user information to supply an adapted control signal to activate or deactivate the enhancing in correspondence with the user input, independent of the automatic detection by the detection means.

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11. (Previously Presented) A method of displaying display information on a display screen, the method comprising:

detecting whether at least one of the following criteria is fulfilled for display information being displayed in a portion of the display screen:

(i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer,

(ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed, and

enhancing the display information being displayed in said portion of the display screen if at least one of the criteria (i) and (ii) is true.

12. (Previously Presented) A computer supplying display information for use in a display apparatus with a display screen, the computer comprising:

detection means for detecting whether at least one of the following criteria is fulfilled for display information being displayed in a portion of the display screen:

(i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer,

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(ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed,

and

means for only providing coordinates for use in the display apparatus if at least one of the criteria (i) and (ii) is true, the coordinates defining said portion of the display screen.

13. (Previously Presented) A display apparatus for displaying display information on a display screen, the display apparatus comprising detection means for deciding whether only a part of the display information corresponding to an area on the display screen has to be enhanced based on a difference value computed between data words corresponding to the area of the display screen to be enhanced at a first instant in time and at a second instant in time, the detection means comprising:

an integrator for determining an intensity value of a line or a sum of lines in the area,

sample-and-hold means for storing the determined intensity value at a first instant,

and

a comparator for comparing the stored intensity value with a further intensity value of a line or a sum of lines in the area at a later instant to supply a control signal, indicating whether the difference value between the stored intensity value and the further intensity value exceeds a limit value so that only said part of the display information is enhanced.

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Second Amendment in Reply to Final Office Action of February 19, 2004

14. (Previously Presented) A display apparatus as claimed in claim 13, wherein the display apparatus comprises means for receiving information defining the position of the area.

15. (Previously Presented) A system comprising:
a display information-generating device for generating display information,
a display apparatus having a display screen for displaying the display information,
detection means for detecting whether at least one of the following criteria is fulfilled for display information being displayed in a portion of the display screen:

(i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer,

(ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed,

(iii) moving information is displayed, and
enhancement means for enhancing said display information being displayed in said portion of the display screen if at least one of the criteria (i), (ii), (iii) is true.

16. (Previously Presented) A method of displaying display information on a display screen, the method comprising:

detecting whether at least one of the following criteria is fulfilled for display information being displayed in a portion of the display screen:

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(i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer,

(ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed,

(iii) moving information is displayed, and
enhancing said display information being displayed in said portion of the display screen if at least one of the criteria (i), (ii), (iii) is true.

17. (New) The system as claimed in claim 15, wherein the detection means comprises:
a memory for storing the part or a portion of the part of the display information as first data at a first instant,
a comparator for comparing the first data with second data corresponding to the part or a portion of the part of the display information at a second, later, instant, to obtain difference values,
means for determining absolute values of the difference values,
summing means for summing the absolute values of the difference values of corresponding data words of the first and the second data to obtain a sum, and
a further comparator for comparing the sum with a limit value.

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18. (New) The system as claimed in claim 15, wherein the information-generating device comprises means for supplying coordinates defining the area to the display apparatus, the display apparatus comprises the detection means which comprise:

an integrator for determining an intensity value of a line or a sum of lines in the area,

a sample-and-hold means for storing the determined intensity value at a first instant,

and

a comparator for comparing the stored intensity value with a further intensity value of a line or a sum of lines in the area at a later instant to supply a control signal, indicating whether a difference between the stored intensity value and the further intensity value exceeds a limit value.